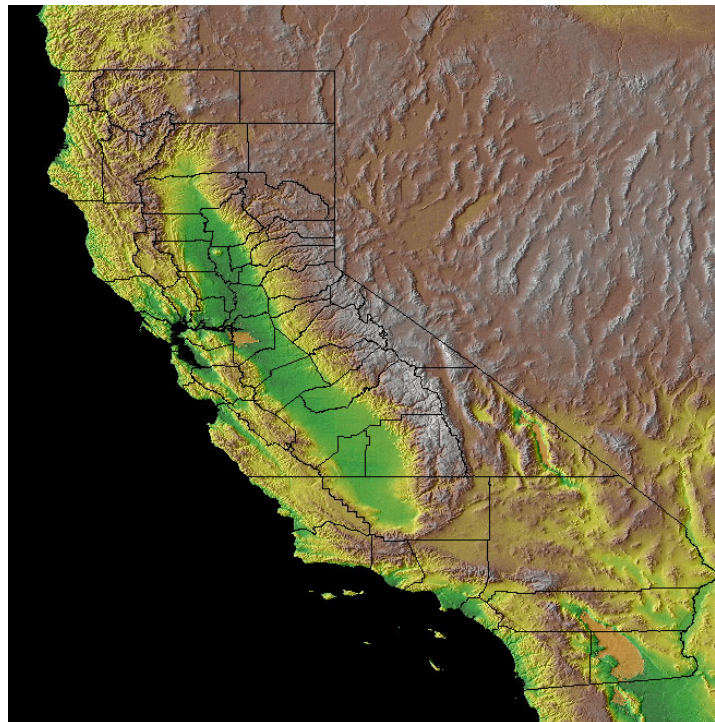


California 2007 Japanese Beetle



History of Japanese Beetle in California

•Detection:

- Trapping near airports began in 1937.
- 1951 - The first JB trapped in California at LAX.
- Aircraft inspections started in 1960.
- Today, CDFA services more than 14,000 detection traps state wide & inspects aircraft at 14 airports.

Trapping Arrays

- **Planes – of course- priority is given aircraft from regulated states, cargo over passenger.**
- **Traps two miles out from the airports at a minimum of 10 per square mile.**
- **Freight forwarding (satellite facilities) at 10 traps in the square mile of the location**





Grounding & Treatment of Aircraft

- If two live Japanese beetles are found on a cargo flight, the aircraft will be quarantined or “Grounded”.
- USDA is notified to conduct fumigation of the aircraft.
 - USDA will issue an Emergency Action Notice (EAN).
- Post fumigation inspection is conducted to search for dying Japanese beetles.



Japanese Beetle 2007

- During 2007, 33 live and 542 dead beetles were intercepted on aircraft arriving in California.
- A total of 21 beetles were trapped in California.
- All were taken in high hazard traps around airports or freight forwarding facilities, except one in a residential area in Vista, San Diego County.

- .

2007 - SUMMARY - **CONFIRMED** JAPANESE BEETLE AIRPORT INTERCEPTIONS

Number				SUMMARY							
County	Airport	Total	Live	Airline	Live	Dead	Origin				
Alameda	Oakland Intl Airport	150	2	Federal Express	1	32	Indianapolis IN				
					0	14	Memphis TN				
					0	25	Philadelphia PA				
					0	4	Wilmington OH				
					0	16	Newark, NJ				
				Airborne Express	1	45	Wilmington OH				
				UPS	0	1	Indianapolis IN				
					0	11	Philadelphia PA				
				Los Angeles	Burbank	7	0	Federal Express	0	3	Memphis TN
									0	1	Oakland, Ca
								UPS	0	3	Las Vegas, Nv
								Long Beach	32	6	Airborne Express
Federal Express	0	4	Memphis TN								
UPS	0	1	Louisville KY								
Los Angeles Intl Airport	138	9	Airborne Express	0	4	Wilmington OH					
			American Airlines	0	1	Washington D.C.					
			Delta	1	1	Atlanta GA					
			DHL	0	4	Wilmington OH					
			Federal Express	0	18	Chicago IL					
				6	35	Indianapolis IN					
				1	7	Newark, NJ					
				1	55	Memphis TN					
			UPS	0	2	Louisville KY					
			United		1	Washington D.C.					
US Airways	0	1	Charlotte, No								
Orange	John Wayne	27	1	Federal Express	0	26	Memphis TN				
				UPS	1	0	Philadelphia PA				
Sacramento	Mather	8	0	Airborne Express	0	8	Wilmington OH				
San Bernardino	Ontario	53	9	Airborne Express	1	6	Wilmington OH				
				UPS	0	1	Columbia SC				
					3	9	Louisville KY				
					3	4	Philadelphia PA				
					0	2	Rockford IL				
				Federal Express	2	10	Indianapolis IN				
					0	12	Memphis TN				
				San Diego	Lindbergh Field	143	4	Airborne Express	0	21	Wilmington OH
									0	1	Louisville KY
								Southwest	0	2	Philadelphia PA
								Federal Express	0	53	Memphis TN
									3	47	Indianapolis IN
United	0	1	Chicago IL								
	0	2	Detroit, Mi								
	0	1	Dulles, Vi								
				UPS	1	11	Louisville KY				
				Santa Clara	San Jose Intl Airport	17	2	Federal Express	1	12	Indianapolis IN
	1	0	Philadelphia PA								
				UPS	0	3	Louisville KY				
TOTAL		575	33		33	542					



CALIFORNIA DEPARTMENT OF
FOOD AND AGRICULTURE

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
Pest Detection/Emergency Projects
2007 - JAPANESE BEETLE CONFIRMED FINDS - SUMMARY

County	Adults		Larval			Number Airport Interceptions		
	Airport / High Hazard	Outside Airport	Visual	Properties	Total	Alive	Dead	Total
Alameda						2	148	150
Fresno						0	0	0
Kings						0	0	0
Los Angeles	7					15	162	177
Orange	6					1	26	27
Riverside	1					0	0	0
Sacramento						0	8	8
San Bernardino	5					9	44	53
Santa Clara						2	15	17
San Diego	2	1				4	139	143
San Joaquin								
San Mateo								
<hr/>								
Total	21	1	0	0	0	33	542	575

CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE
Pest Detection/Emergency Projects
1996-2007 - JAPANESE BEETLE CONFIRMED FINDS - SUMMARY

Year	Adults Trapped			Number of Airport Interceptions		
	Airport / High Hazard	Outside Airport	Total	Alive	Dead	Total
1996	10	2	12	37	225	262
1997	5	4	9	35	163	198
1998	3	1	4	1	44	45
1999	6	0	6	65	528	593
2000	18	1	19	177	515	692
2001	8	6	14	185	859	1044
2002	18	1	19	238	1255	1493
2003	5	0	5	31	134	165
2004	7	2	9	63	244	307
2005	17	2	19	101	808	909
2006	2	0	2	95	633	728
2007	21	1	22	33	542	575
Total	120	20	140	1061	5950	7011

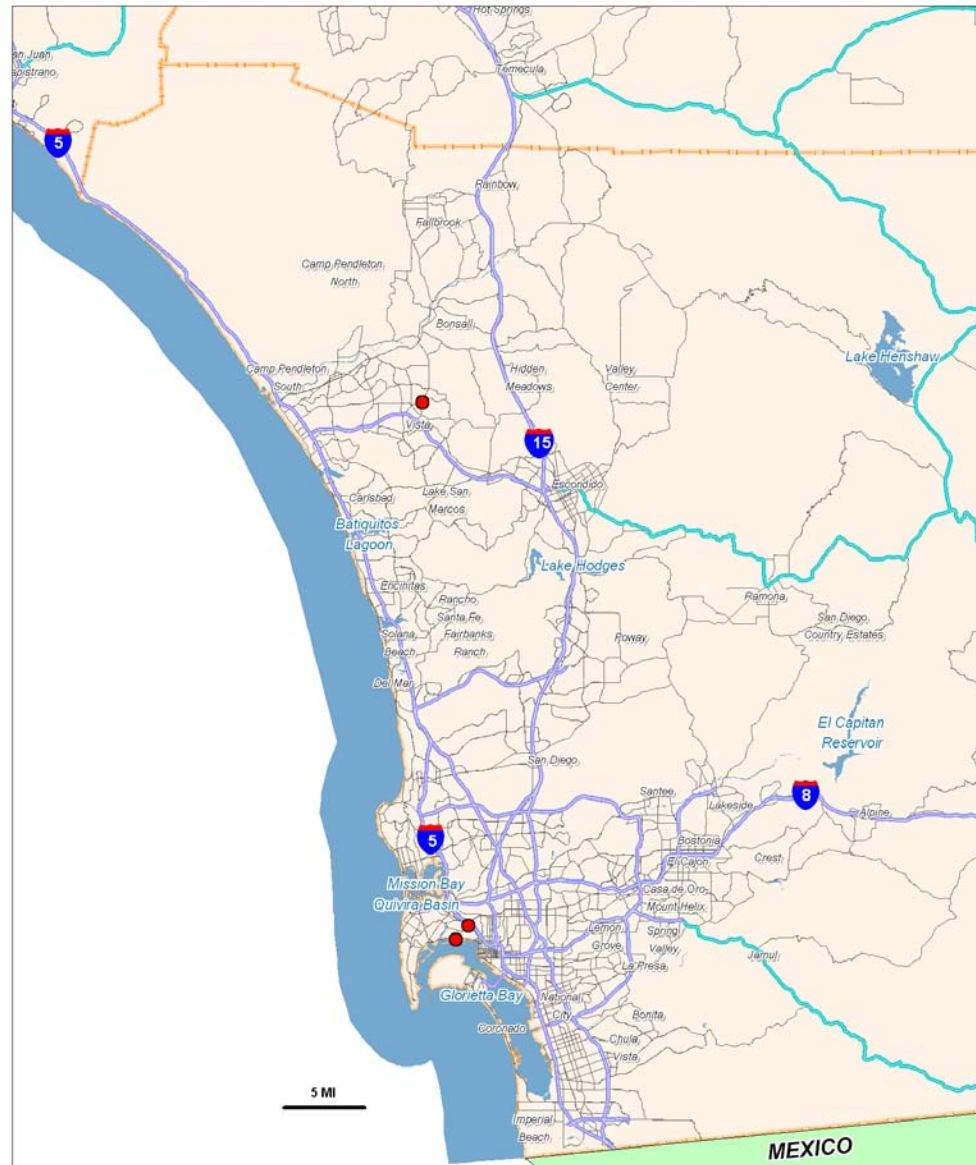
2007 - Airline Summary Chart - Japanese Beetle Airport Interceptions

Airline	Total	Number		Origin
		Alive	Dead	
Airborne Express	106	8	97	Wilmington OH
		0	1	Louisville KY
American Airlines	1	0	1	Washington D.C.
Delta	2	1	1	Atlanta GA
DHL	4	0	4	Wilmington OH
DHL/Airborne	8	0	8	Wilmington OH
Federal Express	389	13	136	Indianapolis IN
		1	167	Memphis TN
		1	23	Newark NJ
		0	18	Chicago IL
		0	1	Oakland, Ca
		0	25	Philadelphia PA
		0	4	Wilmington OH
Southwest	2		2	Philadelphia PA
United Parcel Service	57	4	27	Louisville KY
			1	Columbia SC
		5	15	Philadelphia PA
		0	2	Rockford IL
		0	3	Las Vegas Nv
United Airlines	4	0	1	Washington D.C.
		0	1	Chicago IL
		0	2	Detroit, MI
US Airways	2	0	1	Philadelphia PA
		0	1	Charlotte NC
Total	575	33	542	

Vista Trap Find Response

- In 2006, two male beetles trapped on the same property. Intensive trapping followed.
- Then, in 2007, a female JB was trapped on the same property. She was presumed mated.
- Action plan calls for treatment if a mated female is trapped.
- Response to the Vista, San Diego find included five foliar treatments with carbaryl in a 200-meter radius around the find site.
- A single soil treatment using Merit® was done in a 50-meter radius around the find site.
- Intensive trapping will be done in 2008.

11/30/07



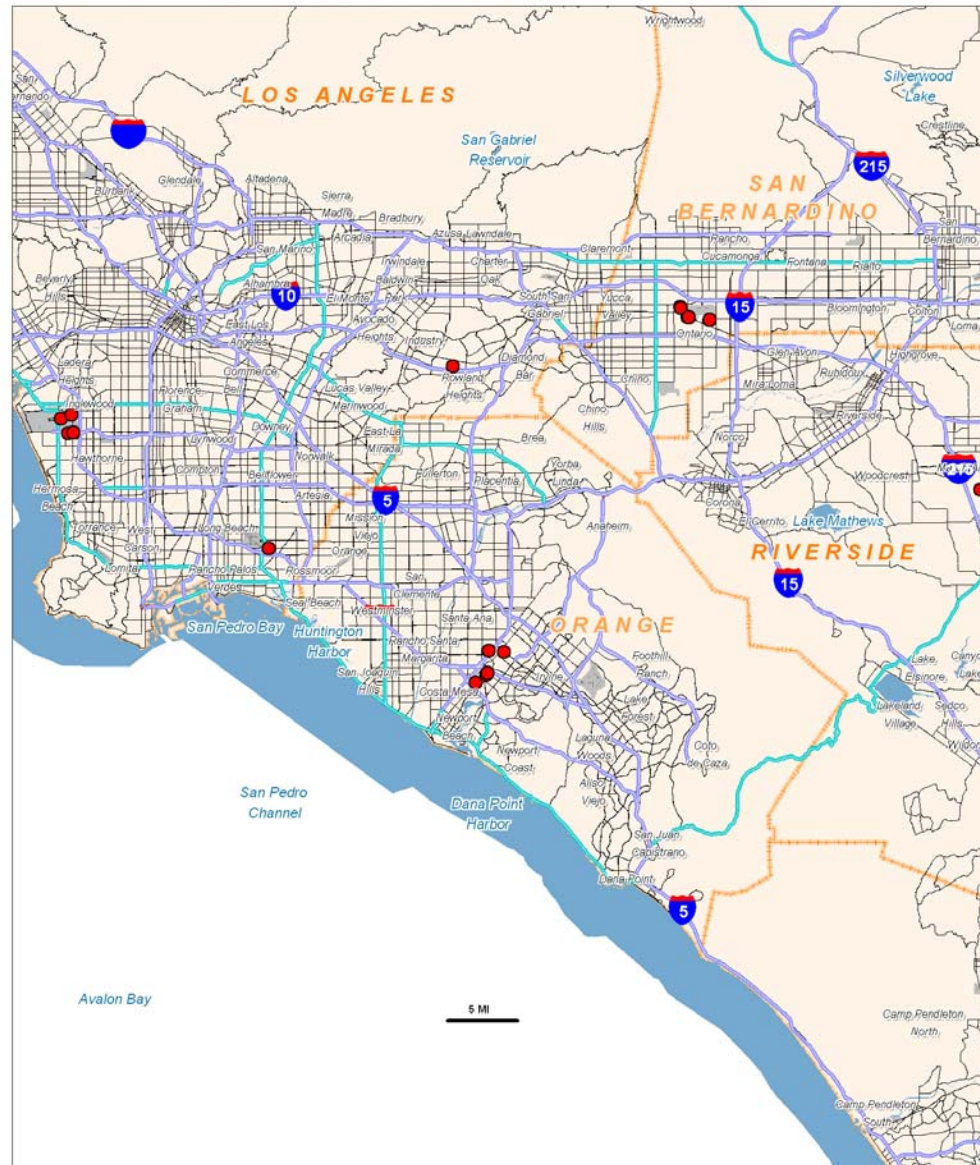
TRAP FIND

[illegible]

ERADICATION BOUNDARY

JAPANESE BEETLE
LOS ANGELES - ORANGE - RIVERSIDE - SAN BERNARDINO COUNTIES
2007

11/30/07



TRAP FIND

Military Base Access

- **Difficulty accessing military bases for trap placement and inspection and plane inspections is a concern to California's agricultural Program.**
- **This isn't recent, it was also an issue prior to 9/11.**

Military Base Access

- **Our staff, despite repeated attempts via phone calls and letters, do not receive responses from some of the bases. Or receive refusals.**
- **Is this an issue for other western states?**

Military Base Access

- **We strongly request that the USDA assist us in this matter.**
- **Otherwise we cannot dedicate staff to pursue this matter.**

The end.



CALIFORNIA DEPARTMENT OF
FOOD AND AGRICULTURE

Thank you!!